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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Co	omplet if Known
Application Number	10/608,843
Filing Date	06/27/03
First Named Inventor	Taekun Lee et al.
Group Art Unit	Unassigned 2823
Examiner Name	Unassigned Keem D. Nguyen
Attorney Docket Number	CPAC 1014-4

				U.S. PATENT DOCU	JMENTS	
Examiner Initials	Cite No.1	U.S. Patent Number	Kind Code ² (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear
KN	Al	5,977,62	6	Wang et al.	11-02-1999	
	A2					
	A3					
	A4					
	A5					
	A6					
	A7					
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	A17					
	AJ8					
	A19					
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				FORE	IGN PATENT DOCUMEN	TS		
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initials"	No.1	Office ³	Number	Kind Code ^s (# known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	76
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	B8							Π
	B9							Π
	B10							Π

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¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DIOOLOGUEE	Application Number	Unassigned 10 608, 843
INFORMATION DISCLOSURE	Filing Date	June 27, 2003
STATEMENT BY APPLICANT	First Named Inventor	Taekeun Lee
	Group Art Unit	Unassigned 1823
(use as many sheets a's necessary)	Examiner Name	Unassigned Kniem D. Nava

Attorney Docket Number | CPAC 1014-4

			U.S. PATENT DOC	JMENTS	•
Examiner Initials*	Cite No.1	U.S. Patent Documer Kind Co	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KN	Al	5,365,107	Kuraishi et al.	11-15-1994	
KN	A2	5,397,921	Karnezos	03-14-1995	
KN	A 3	5,409,865	Karnezos	04-25-1995	
ĸ	A 4	5,851,337	Chen	12-22-1998	
KN	A5	5,877,552	Chiang	03-02-1999	
KN	A6	5,905,634	Takeda et al.	05-18-1999	
K	A7	5,933,324	Barrett	08-03-1999	
KN	A8	5,977,626	Wang et al.	11-02-1999	
ĸ	A9	6,020,637	Karnezos	02-01-2000	· /
kn	A10	6,146,921	Barrow	11-14-2000	
KN.	A11	6,201,302	Tzu	03-13-2001	
_KN	A12	6,246,115	Tang et al.	06-12-2001	
KN	A13	6,323,065	Karnezos	11-27-2001	
ΚN	A14	6,400,014	Huang et al.	06-04-2002	
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				FORE	GN PATENT DOCUMEN	TS		
Examiner Cite	•	F	oreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	
Examiner Initials	Cite No.1	Office ³	Number ⁴	Kind Code ⁵ (# knowπ)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Το
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				Application Number	Unassigned	10/608,843
INF(DRMATIO	N DI	SCLOSURE	Filing Date	June 27, 2003	
STA	TEMENT	BY A	APPLICANT	First Named Inventor	Taekeun Lee	
• 17	.,			Group Art Unit	Unassigned	2823
	(use as many	sheets	as necessary)	Examiner Name	Unassigned—	Khien D. Naman
Sheet	2	of	2	Attorney Docket Number	CPAC 1014-4	

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	1,5
K.N.	C1	TETSUO KIDA, TAKASHI HARUTA, and TAKASHI YOSHIOKA, "Improving Dry-Film Adhesion," Optoelectronics Manufacturing Conference, July 2001.	
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Examine Signatur		Date Considered 06/12/04	

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